Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A modular platform, comprising:

a chassis having a front side and a back side, and configured to receive modular platform boards;

a plenum associated with the chassis ; and

at least one chassis management module designed to at least partially control and at least partially ensure proper operation of the modular platform boards and to be removably disposed in the at least one plenum in a substantially parallel relationship with a flow of a cooling medium passing through the plenum.

2. (Original) The modular platform of Claim 1, wherein the plenum is a dual plenum and the chassis management module is positioned substantially vertical in the dual plenum.

3. (Original) The modular platform of Claim 2, wherein the dual plenum includes two or more fan modules that are independently removable from the plenum.

4. (Original) The modular platform of Claim 3, wherein the chassis management module is vertically positioned about an outer edge of at least one of the fan modules, and independently removable from the at least one fan module.

5. (Original) The modular platform of Claim 3, wherein the chassis management module is vertically positioned between at least two fan modules, and independently removable from the at least two fan modules.

6. (Original) The modular platform of Claim 1, wherein the chassis management module is removable from the front side of the modular platform.

7. (Original) The modular platform of Claim 1, wherein the modular platform is at least part compliant with a standard and includes a chassis management module that controls the interaction between components of the modular platform.

8. (Original) The modular platform of Claim 7, wherein the standard is PICMG 3.0 ATCA, and the chassis management module performs the functions of a shelf management controller and a shelf manager.

9. (Original) The modular platform of Claim 8, wherein the components in which the chassis management module can support includes up to sixteen modular platform boards, at least one fan module, and a power entry module.

10. (Original) The modular platform of Claim 9, wherein the plenum is a dual plenum having a height of 2U and the chassis management module has a height of less than or equal to 2U and is removably positioned vertically in the dual plenum.

11. (Currently amended) A system, comprising:

a rack; and

a plurality of modular platforms mounted in the rack, at least one of the modular platforms including

a chassis having a front side and a back side, and configured to receive modular platform boards,

a plenum associated with the chassis , and

at least one chassis management module designed to at least partially control and at least partially ensure proper operation of the modular platform boards and to be removably disposed in the at least one plenum in a substantially parallel relationship with a flow of a cooling medium passing through the plenum.

12. (Original) The system of Claim 11, wherein the plenum is a dual plenum and the chassis management module is positioned substantially vertical in the dual plenum.

13. (Original) The system of Claim 12, wherein the dual plenum includes two or more fan modules that are independently removable from the plenum.

14. (Original) The system of Claim 13, wherein the chassis management module is vertically positioned about an outer edge of at least one of the fan modules, and independently removable from the at least one fan module.

15. (Original) The system of Claim 13, wherein the chassis management module is vertically positioned between at least two fan modules, and independently removable from the at least two fan modules.

16. (Original) The system of Claim 11, wherein the chassis management module is removable from the front side of the modular platform.

17. (Original) The system of Claim 11, wherein the at least one modular platform is at least part compliant with a standard and includes a chassis management module that controls the interaction between components of the modular platform.

18. (Original) The system of Claim 17, wherein the standard is PICMG 3.0 ATCA, and the chassis management module performs the functions of a shelf management controller and a shelf manager.

19. (Original) The system of Claim 18, wherein the components in which the chassis management module can support includes up to sixteen modular platform boards, at least one fan module, and a power entry module.

20. (Original) The system of Claim 19, wherein the plenum is a dual plenum having a height of 2U and the chassis management module has a height of less than or equal to 2U and is removably positioned vertically in the dual plenum.

21. (Original) The system of Claim 18, wherein the rack has a aggregate height limitation of 42U.

22. (Original) The system of Claim 21, wherein the rack includes four modular platforms, at least one of the four modular platform being coupled to at least one dual plenum and having a chassis management module substantially vertically and removably positioned in each dual plenum.